

OCT 2 1997

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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE (REV. 7-80) LIST OF MATERIALS CITED BY APPLICANT <i>(Use several sheets if necessary)</i>									ATTY. DOCKET NO.:	SERIAL NO.:	
									52814.000004	08/749,766	
									INVENTOR'S NAME:	EXAMINER:	
									Randall B. METCALF.	X-Met M. Harvey	
									FILING DATE:	GROUP:	
									November 20, 1996	2605 2743	

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE
H50	A	5	5	2	4	0	5	9	06/96	Zurcher			
H50	B	5	5	0	6	9	1	0	04/96	Miller et al.			
H50	C	5	5	0	6	9	0	7	04/96	Ueno et al.			
H50	D	5	4	0	4	4	0	6	04/95	Fuchigami et al.			
H50	E	5	4	0	0	4	3	3	03/95	Davis et al.			
H50	F	5	4	0	0	4	0	5	03/95	Petroff			
H50	G	5	3	1	5	0	6	0	05/94	Paroutaud	84	726	
H50	H	5	2	2	5	6	1	8	07/93	Wadham			
H50	I	5	1	5	0	2	6	2	09/92	Hosokawa et al.			
H50	J	4	7	8	2	4	7	1	11/88	Klein			
H50	K	4	0	7	2	8	2	1	02/78	Bauer			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES NO	
	L													

OTHER MATERIALS (Including Author, Title, Date, Pertinent Pages, Etc.)

H50	M	Think Piece: <i>Recordings and Reality</i> , <u>TAS Journal</u> , undated, pp. 32-44
	N	Web pages obtained 2/6/97 from The University of York, York University Music Technology Group, pp. 1-3; Music Technology Group: Ambisonics Research and related 3-D Audio topics, pp. 1-5; Don't Destroy the Archives! By Michael Gerzon, pp. 1-9; Frequently Asked Questions about the C1 Compressor/Gate, pp. 1-2; Increased Digital Resolution (IDR), pp. 1-2; Frequently Asked Questions about the PS22-StereoMaker, pp. 1-2; Cyberfi - Feature: Multimedia CD Developments, pp. 1-3.
H50	O	<i>Return of the Lunatic Fringe</i> , <u>HeadsUp</u> , 1/22/97 from Electronic Engineering Team, 1/20/97 p. 46.
H50	P	<i>Industries Wrangle Over Encryption Plan/DVD Case/Betamax Revisited?</i> , <u>HeadsUp</u> , from Computer Retail Week, 8/5/96, p. 11.
H50	Q	<i>Graphix Zone and Starpress Combine to Become Largest Independent Interactive Music Company</i> , <u>HeadsUp</u> , from 7/1/96 Business Wire.
H50	R	<i>Japanfocus/Virtual Reality/It's Note Just Fun and Games</i> , <u>HeadsUp</u> , from 6/5/96 Mainichi Daily News.

EXAMINER	DATE CONSIDERED
<i>Harvey</i>	<i>12/23/97</i>

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FORM PTO-1449 (REV. 7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO.: 52814.000004	SERIAL NO.: 08/749,766
LIST OF MATERIALS CITED BY APPLICANT (Use several sheets if necessary)		INVENTOR'S NAME: Randall B. Metcalf	EXAMINER: X-Mei M. Harvey
		FILING DATE: November 20, 1996	GROUP: 2605 2743

U.S. PATENT DOCUMENTS

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							YES	NO
	B							

OTHER MATERIALS (Including Author, Title, Date, Pertinent Pages, Etc.)

HSD	C	Promoters Claim Success for N.Y. HI-FI Show, <u>HeadsUp</u> , from 6/3/96 Warren Publishing.
HSD	D	Bose Corporation Selects I-Deas Master Series Software for Mechanical Design of Audio Products, <u>HeadsUp</u> , from 5/20/96 Business Wire.
HSD	E	Sonic Announces Technology Collaboration with Sony; Brings New Direct Stream Digital to Professional Audio Workstations, <u>HeadsUp</u> , from 5/13/96 Business Wire.
HSD	F	Digital Disc Hurdles Removed, <u>HeadsUp</u> , from 3/30/96 The Associated Press.
HSD	G	Sonic Solutions, Daikin Industries and Toshiba Partner to Create the Industry's First Integrated Digital Video Disc (DVD) Pre-Mastering System, <u>HeadsUp</u> , from 3/20/96 Business Wire.
HSD	H	CES and Comdex Announce Strategic Alliance to Address Convergent Industries Comdex/Spring '97 and Spring CES to Co-Locate in Atlanta, June 2-5, <u>HeadsUp</u> , from 3/14/96 PR Newswire.
HSD	I	Psycho-Acoustics Comes to the Sound Chip, <u>HeadsUp</u> , from 3/13/96 CMP Publications, Inc.
HSD	J	DVD Market Heats Up as Companies Race to Deploy, <u>HeadsUp</u> , from 1/24/96 Phillips Publishing, Inc.
HSD	K	Dolby Picks Moto DSPS for AC-, <u>HeadsUp</u> , from 1/22/97 CMP Publications, Inc.
HSD	L	Web sites from 11/20/96, <i>Acoustic Renaissance for Audio</i> , p. 1, <i>Invitation to the Acoustic Renaissance for Audio</i> , p. 1-4; <i>Bitstream versus PCM debate for high-density compact disc</i> by Prof. M. O. J. Hawksford, pp. 1-5, <i>A Proposal for the High-Quality Audio Application of High-Density CD Carriers</i> , pp. 1-21.
HSD	M	Palenchar, Joseph; <i>DVD's First Act</i> , <u>Stereo Review</u> , October 1996, pp. 75-78.
HSD	N	Pohlmann, Ken; <i>Are You Ready For ... DVD?</i> , <u>Stereo Review</u> , October 1996, pp. 67-69, 72.
HSD	O	New Audio Coding Scheme Emerges as Possible Alternate to Dolby AC-3, <u>HeadsUp</u> , from 8/26/96 Phillips Publishing, Inc.
HSD	P	Production Handling Multichannel Audio, <u>HeadsUp</u> , from 7/23/96 Intertec Publishing Corporation.
HSD	Q	Digital Media Interactive Aims to Cover All the DVD Angles; Start-Up Reaches Out to Developers and Hardware Vendors, <u>HeadsUp</u> , from 7/9/96 Phillips Publishing, Inc.

EXAMINER	DATE CONSIDERED
<i>Y-Mei Harvey</i>	12/23/97

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FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER		DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
	B							YES NO
OTHER MATERIALS (Including Author, Title, Date, Pertinent Pages, Etc.)								
M50	C	DVD Congressional Pact Unlikely this Year/Shapiro, <u>HeadsUp</u> , from 7/8/96 Warren Publishing.						
M50	D	Bell, Alan E., <u>Next-Generation Compact Discs</u> , <u>Scientific American</u> , July 1996, pp. 42-46.						
M50	E	<u>DVD Launch Delay Looking More Inevitable</u> , <u>HeadsUp</u> , from 6/17/96 Warren Publishing.						
M50	F	<u>Music Industry DVD Proposal</u> , <u>HeadsUp</u> , from 5/29/96 Warren Publishing.						
M50	G	<u>Music Industry in Talks on Digital Recordings</u> , <u>HeadsUp</u> , from 5/24/96 The Financial Times.						
M50	H	<u>Toshiba Displays First-Ever Line of DVD Players at CES 96 in Orlando... Movies at Home Will Never Be the Same Again!/Hundreds of Movie Titles on DVD From Major Studios to Accompany Player Roll-Out this Fall/</u> , <u>HeadsUp</u> , from 5/23/96 Business Wire.						
M50	I	<u>Sony Proposes Its Own DVD-Audio Format</u> , <u>HeadsUp</u> , from 5/13/96 CMP Publications, Inc.						
M50	J	<u>Japanese DVD Music Recommendations 'Workable' /British ARA Chief</u> , <u>HeadsUp</u> , from 5/6/96 Warren Publishing.						
M50	K	<u>Automatic Equalizer (Assignee/Sabine Musical Manufacturing Company, Inc.)</u> , <u>HeadsUp</u> , from 4/18/96 MicroPatent.						
M50	L	<u>Channel Audio Signal Encoding Method (Assignee/Sony Corporation)</u> , <u>HeadsUp</u> , from 4/17/96 MicroPatent.						
M50	M	<u>Digital Equipment Corp. Licenses Spatializer 3-D Stereo Winner Products USA Inc., TIVA Microcomputer Corp. (TMC) and 4D Sound Corp. Also Sign Agreements To Use Audio Technology</u> , <u>HeadsUp</u> , from 3/28/96 PR Newswire.						
M50	N	<u>Integrity Appoints Chief Operating Officer; Reaches Agreement for Word Distribution to Handle Integrity's Music and Video Products</u> , <u>HeadsUp</u> , from 3/27/96 PR Newswire.						
M50	O	<u>Computer-Game Industry Divided Over Audio Technologies/The Sound and the Fury</u> , <u>HeadsUp</u> , from 3/25/96 CMP Publications, Inc.						
M50	P	<u>Personal Technology</u> , <u>HeadsUp</u> , from 3/23/96 Los Angeles Times.						
M50	Q	<u>Laserpacific Announces Entry Into DVD Encoding and Authoring Business</u> , <u>HeadsUp</u> , from 3/22/96 PR Newswire.						
M50	R	<u>'3D Sound' Delivers Great Sound in Difficult Spaces For Audio and Home Theater Systems</u> , <u>HeadsUp</u> , from 3/21/96 PR Newswire.						
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		FILING DATE: November 20, 1996		GROUP: 2005 2743	

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H50	C	Video Discs Run Into Launch Date Storm, <u>HeadsUp</u> , from 3/21/96 The Financial Times.
H50	D	Philips Faces Delays in DVD-Video Launch, <u>HeadsUp</u> , from 3/13/96 Reuters America Inc.
H50	E	Philips Demonstrates High Quality MPEG2 Audio with DVD, from 3/6/96 Business Wire.
H50	F	DVD: The Dawning of the DVD Age, It Promises to Change the Way We Watch TV, Use PCS, <u>HeadsUp</u> , from 2/17/96 Southam Electronic Publishing.
H50	G	Proposals on NTSC-PAL DVD Distribution due in 2 Weeks, <u>HeadsUp</u> , from 2/12/96 Warren Publishing.
H50	H	New DVD Hitch Raised, <u>HeadsUp</u> , from 1/29/96 Warren Publishing.
H50	I	Consumer Electronics World Hopes DVD Spurs Comeback/CES To Take Digital Turn, <u>HeadsUp</u> , from 1/3/96 CMP Publications, Inc.
H50	J	Stuart, J.R. et al., DVD: Application of Hierarchically Encoded Surround Sound—including Ambisonics, Acoustic Renaissance for Audio, 1996, 6 pages.
H50	K	Stuart, J.R. et al., DVD: Pre-emphasis for use at 96kHz or 88.2kHz, Acoustic Renaissance for Audio, 1996, 9 pages
H50	L	Sony Develops 'Direct Stream Digital' Music DVD, <u>HeadsUp</u> , from 12/28/95 Warren Publishing.
H50	M	Work Begins on High-Density Music Disc, <u>HeadsUp</u> , from 12/4/95 Warren Publishing.
H50	N	Matlab Adds Neural, Fuzzy Modeling, <u>HeadsUp</u> , from 11/6/95 Electronic Engineering Times, p. 37, by R. Colin Johnson.
H50	O	Speaker Recognition System Using Neural Network (Assignee/Sekisui Kagaku Kogyo Kabushiki Kaisha), <u>HeadsUp</u> , from 11/1/95 MicroPatents.
H50	P	Schneider, Len, Notes from Lucas Valley: Len Schneider Experiences the THX Treatment, <u>Stereophile</u> , November 1995, pp. 63-66.
H50	Q	Despite Agreement, DVD Camps Still at Odds/Skirmishes Continue Over Digital-Video Disk Name, Patents, Technology, <u>HeadsUp</u> , from 10/23/95 Electronic Engineering Times, by David Lammers.
H50	R	Various small articles from <u>Stereophile</u> , September 1995, pp. 37, 39, 41-42.

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<i>Mei M. Harvey</i>	12/23/95

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							YES
	B						

OTHER MATERIALS (Including Author, Title, Date, Pertinent Pages, Etc.)

HSD	C	von Baeyer, Hans Christian, <i>Wave of the Future</i> , <u>Discover</u> , May 1995, pp. 69-72, 74.
HSD	D	Norton, Thomas J. et al, <i>Aces High Las Vegas: WCES '95</i> , <u>Stereophile</u> , April 1995, pp. 68-69, 71, 73, 75, 77, 79, 81.
HSD	E	Various small articles from <u>Stereophile</u> , April 1995, pp. 31-33, 35, 37, 39, 41, 43, 45, 47.
HSD	F	Paradigm® promotional material, 13 pages, undated.
HSD	G	<i>Science and the Arts: A Collection of Works Exploring the Interrelationship of Science and Art</i> , <u>Scientific American</u> ; Deutsch, Diana, <i>Paradoxes of Musical Pitch</i> (August 1992), pp. 46-51; Hutchins, Carleen Maley, <i>The Physics of Violins</i> (November 1962), pp. 77-89; Sundberg, <i>The Acoustics of the Singing Voice</i> (March 1977), pp. 36-43.
HSD	H	Hutheesing, Nikhil, <i>Outwitting the Human Ear</i> , <u>Forbes</u> , September 26, 1994, pp. 164-166.
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